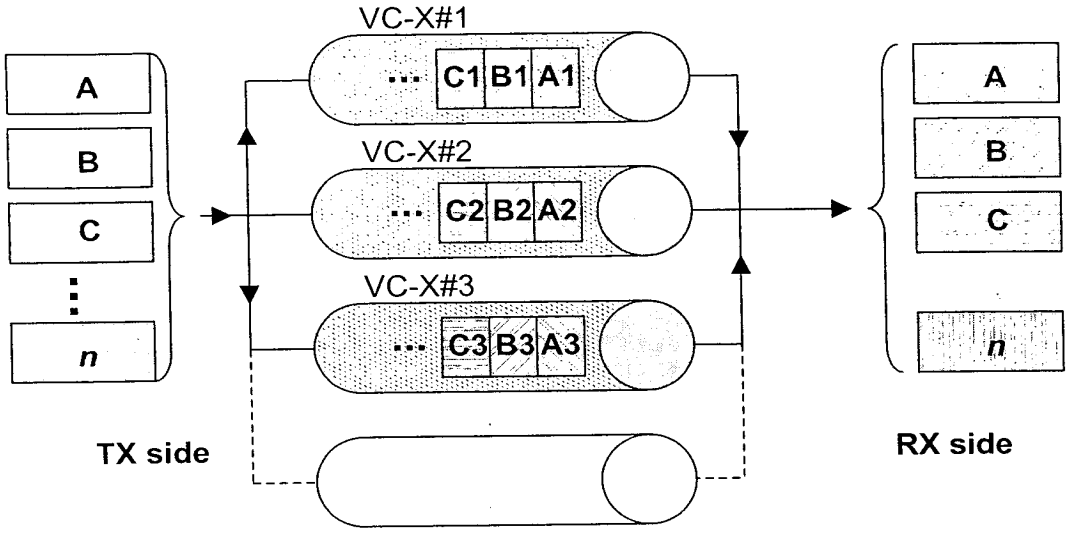

Fig. 1 (prior-art)

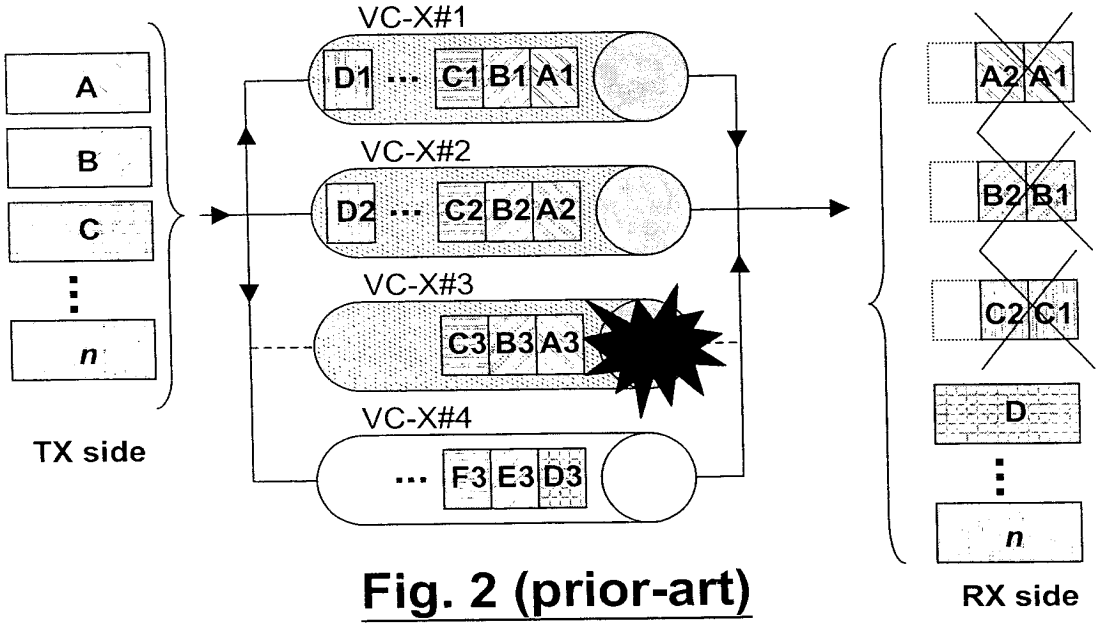

Fig. 2 (prior-art)

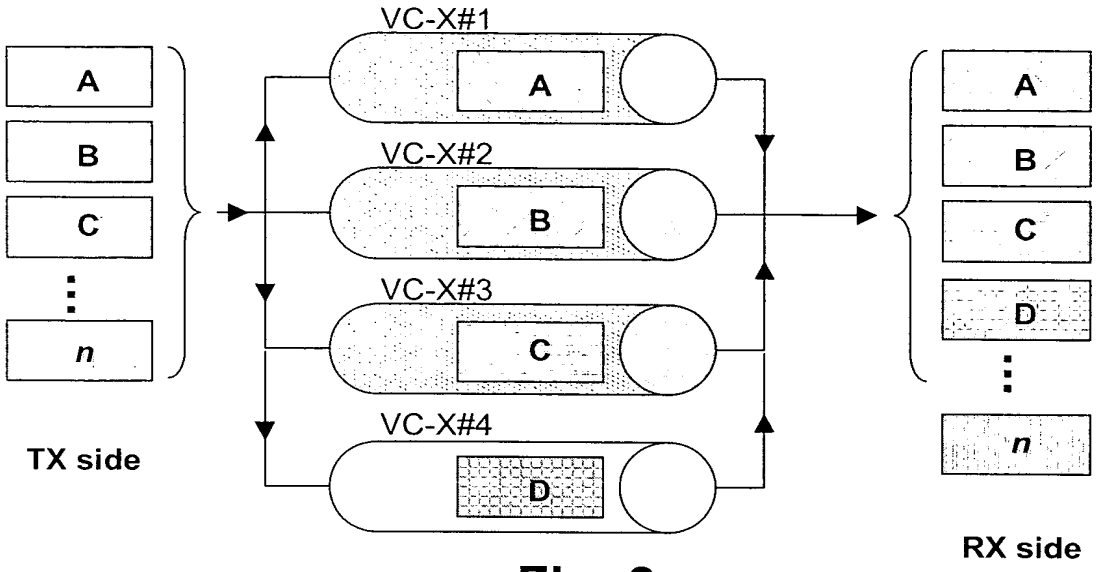
VC-X#1
VC-X#2
VC-X#3
VC-X#4
A
B
C
n
D
TX side
RX side

Fig. 3

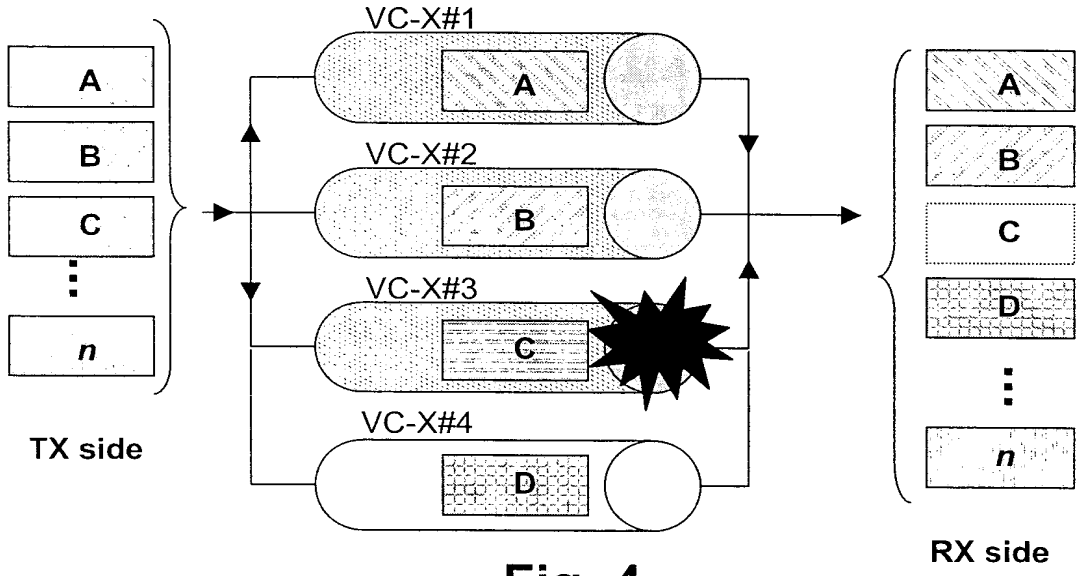
VC-X#1
VC-X#2
VC-X#3
VC-X#4
A
B
C
n
D
TX side
RX side

Fig. 4

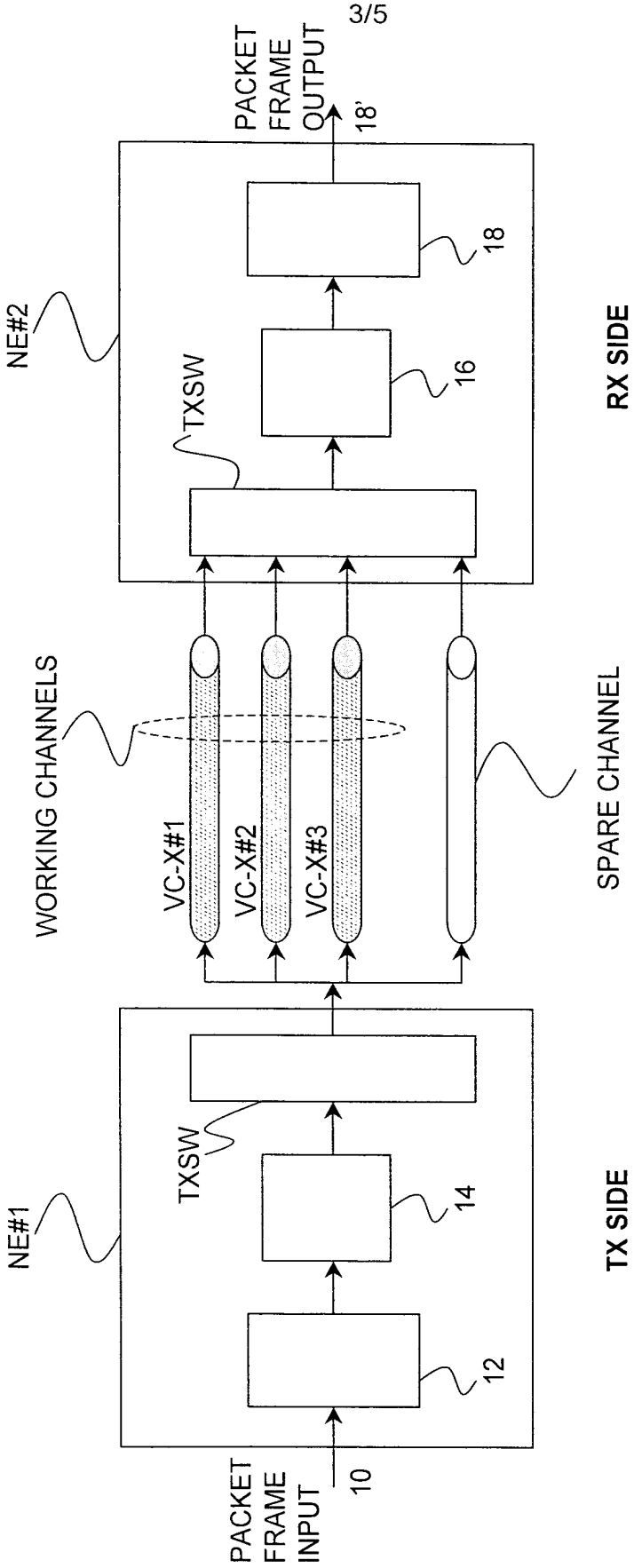
PACKET FRAME INPUT
10
NE#1
12
TXSW
14
TX SIDE
WORKING CHANNELS
VC-X#1
VC-X#2
VC-X#3
SPARE CHANNEL
NE#2
TXSW
16
18
PACKET FRAME OUTPUT
18'
RX SIDE

Fig. 5

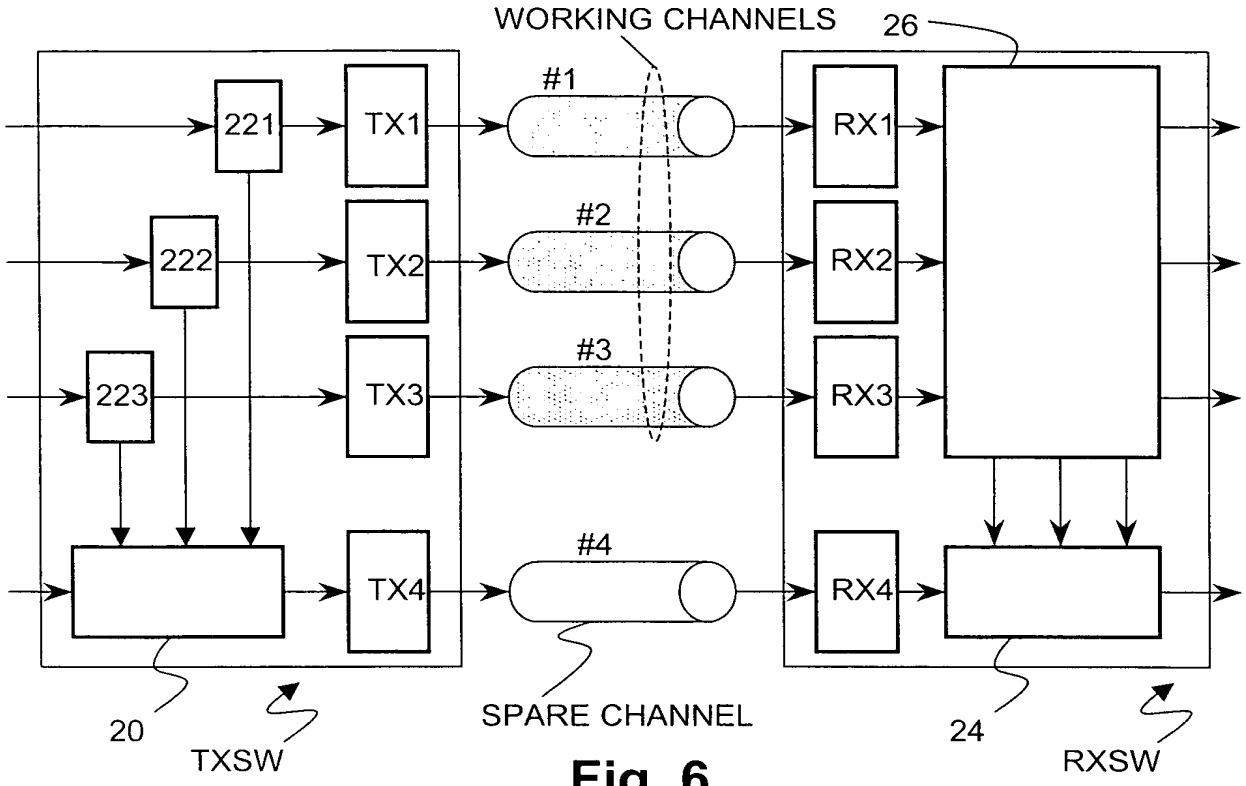
WORKING CHANNELS
26
#1
#2
#3
#4
221
222
223
TX1
TX2
TX3
TX4
RX1
RX2
RX3
RX4
20
TXSW
SPARE CHANNEL
24
RXSW

Fig. 6

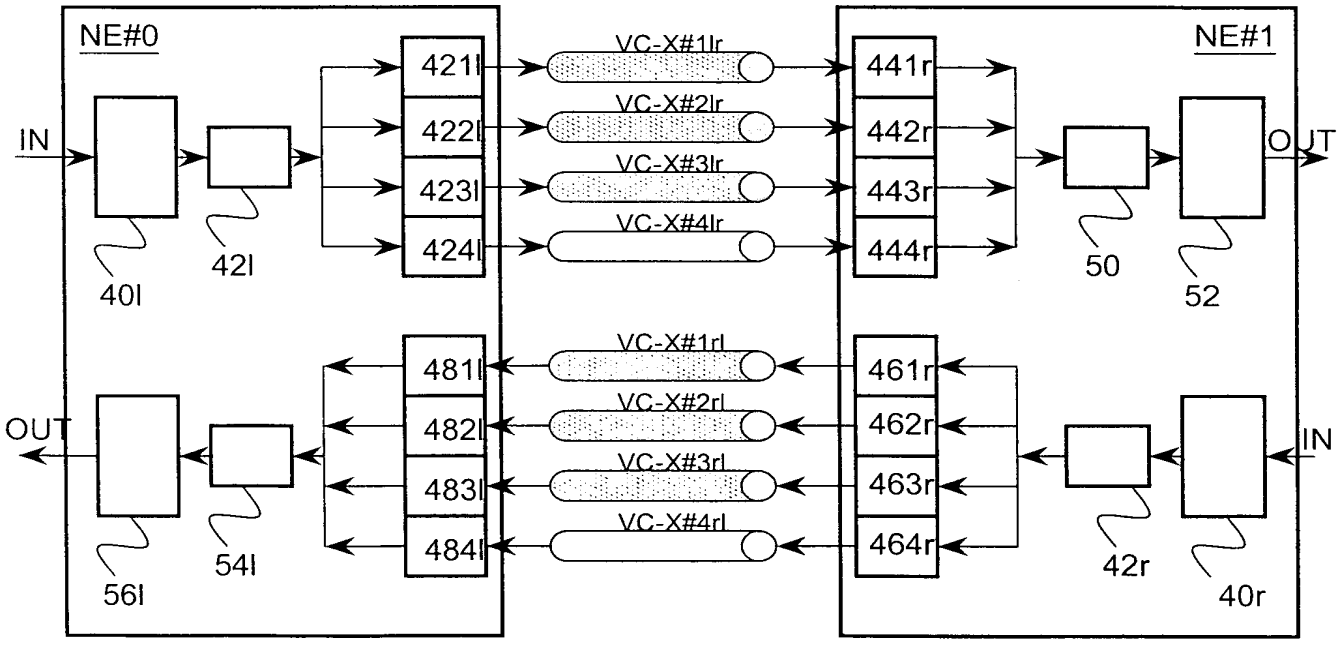
NE#0
NE#1
IN
OUT
421l
422l
423l
424l
481l
482l
483l
484l
441r
442r
443r
444r
461r
462r
463r
464r
VC-X#1lr
VC-X#2lr
VC-X#3lr
VC-X#4lr
VC-X#1rl
VC-X#2rl
VC-X#3rl
VC-X#4rl
40l
42l
50
52
56l
54l
42r
40r

Fig. 7

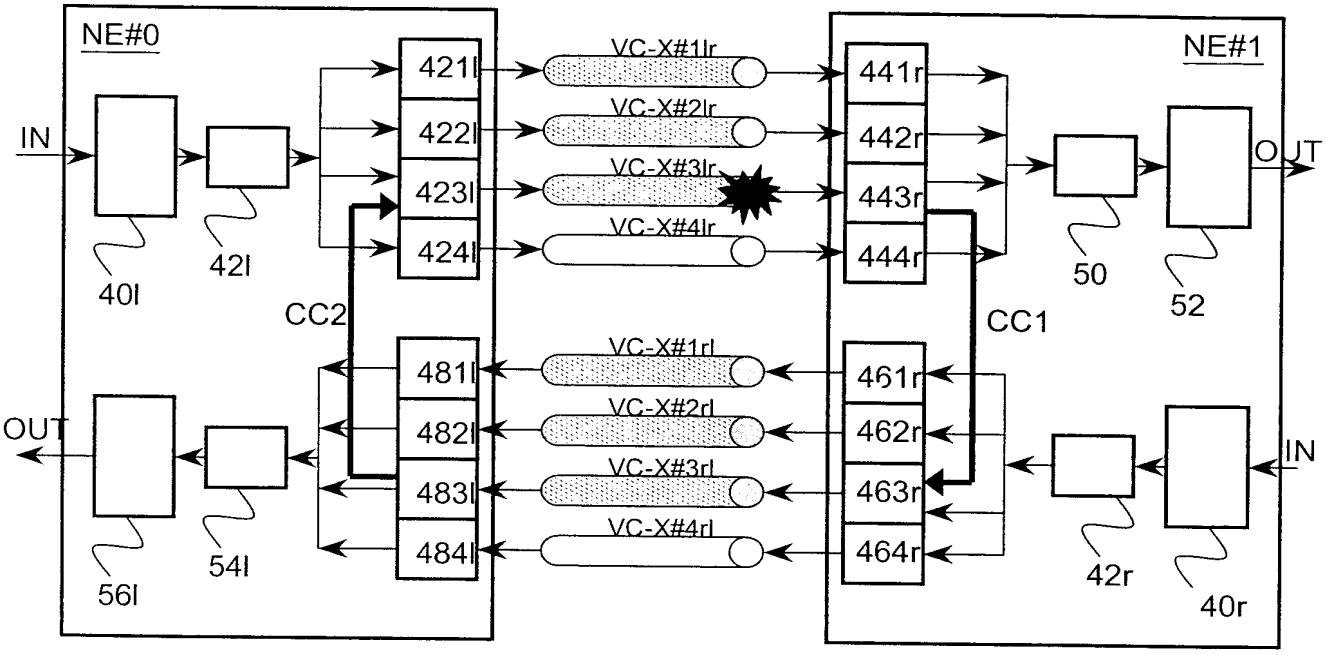
NE#0
NE#1
IN
OUT
OUT
IN
40l
42l
421l
422l
423l
424l
CC2
481l
482l
483l
484l
54l
56l
VC-X#1lr
VC-X#2lr
VC-X#3lr
VC-X#4lr
VC-X#1rl
VC-X#2rl
VC-X#3rl
VC-X#4rl
441r
442r
443r
444r
CC1
461r
462r
463r
464r
50
52
42r
40r

Fig. 8